Marked-Up Version of Proposed Specification Amendment

This object is achieved by a substrate [according to claim 1 and as regards process technology by claim 20.] for packaging of or for attachment to products which are sensitive to aging and temperature, having a time-temperature integrator arranged in the region of the substrate, wherein the time-temperature integrator contains a matrix and at least one reversible, crystalline indicator embedded therein, which has photochromic properties on the basis of transfer reactions in crystalline materials, and wherein further the reversible indicator is characterized by discoloration following photo-induced coloration thereof, the discoloration proceeding as a function of both time and temperature. This object is further achieved by a process for determining the quality of products which are sensitive to aging and temperature and are provided with a substrate according the present invention, the process comprising the steps of effecting photo-induced coloration of the reversible indicator, and determining the degree of time-related or temperature-related discoloration and the quality of the product taking into account the degree of discoloration. The sub-claims relate to preferred embodiments and further developments of the invention.